



TECHNICAL DATA SHEET

Sprayable Gear Lube 0

Semi-fluid aluminium complex grease

Product code: Z057

Product Description:

Sprayable Gear Lube 0 is a semi-fluid aluminium complex grease made from solvent refined hydrocarbon oil fortified with solid lubricants, polymers, extreme pressure additives, antioxidants and corrosion inhibitors. The combination of high viscosity mineral oil, polymer and Aluminium complex thickener provide a highly adhesive product that stays in place in the harshest of environments.

Benefits:

- Easy to apply
- Long lasting almost dry, drip free film which does not attract dust and dirt
- Tackiness agents ensure maximum protection of work surfaces
- Totally water repellent
- Dewaterers and can be applied to wet surfaces.
- Bitumen free
- Fortified with graphite to provide increased protection in loaded applications.

Application:

Sprayable Gear Lube 0 has been specially developed for the lubrication of all types of open gears, including spur, helical, worm and bevel drive gears, as well as for steel tyres and supporting rollers, that are subjected to extreme loads at high working temperatures. These conditions are found in machinery such as kilns and ball mills used in the continuous process industries.

Method of application:

Sprayable Gear Lube 0 may be applied by automatic spray systems (pressure 60 psi). It may also be applied manually by brush if necessary. It is not vital that the equipment to be treated be dry of water.



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Typical Test Data:

Properties	Method	Typical
Colour	-	Black
Appearance	-	Fluid adhesive grease
NLGI Classification	-	0
Base oil type	-	Mineral / Polymer
Base oil KV @ 40°C	ASTM D445	460 cSt
Thickener	-	Aluminium complex
Worked Penetration	ASTM D217	355 - 385
Dropping Point	ASTM D2265	250 Typical
Four ball welding load – 10s	IP 239	700 kg
Four ball scar - 40Kg 1 hour	IP 239	0.6
Copper Corrosion - 24 hrs@ 100°C	ASTM D4048	1a
Corrosion (EMCOR) - Distilled Water	ASTM D6138	0,0
Water washout - 1hour 79°C	ASTM D1264	9.0%
Water Spray off	ASTM D4049	30%
Oxidation Stability – Time to 10% loss@ 160°C	ASTM D8206	240 mins
Solid lubricant	-	Micronised graphite
Solids content	-	10%
Operating temperature range	-	-30°C to +150°C